

3661  
✓

Attorney Docket No.: NOMA-110.CIP

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the U.S. Patent and Trademark Office, Washington, D.C., 20231, on the below date of deposit.			
Date of Deposit:	01/25/01	Name of Person Making the Deposit:	KATHERINE RINALDI
		Signature of the Person Making the Deposit:	<i>Katherine Rinaldi</i>

In re Application of: Slater et al.

Serial No.: 09/263,163

Examiner: Nguyen, T.

Filed: 03/05/99

Art Unit: 3661

For: METHOD AND APPARATUS FOR MOBILE ROBOT MOTION CONTROL

**Assistant Commissioner for Patents  
Washington, D.C. 20231**

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**FEB 12 2001**

TO 3600 MAIL ROOM

*12 Reg EA  
2/12/01  
H. H. H.*

RESPONSE TO RESTRICTION REQUIREMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application
- X Transmitted herewith is a response to Restriction Requirement for the above identified patent application.  
..... ( 2 sheets)  
..... Transmitted herewith are ..... sheets of substitute formal drawings.  
..... Other:

2. Applicant is other than a small entity

**Extension of Term**

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.
- (a) [X] Applicant petitions for an extension of time under 37 C.F.R. 1.136  
(fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

<u>Extension</u>	<u>Fee</u>
[ ] one month	\$110.00
[ X ] two months	\$390.00
[ ] three months	\$890.00
[ ] four months	\$1,390.00

**Fee \$ 390.00**

If an additional extension of time is required, please consider this a petition therefor.

- (b) [ ] Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

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390.00 OP

## Fee Calculation

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

(for other than a small entity)					
Fee Items	Claims Remaining After Amendment	Highest Number of Claims Previously Paid For	Present Extra Claims	Fee Rate	Total
Total Claims	6	- 31 =	0	x \$18.00	\$0.00
Independent Claims	1	- 3 =	0	x \$80.00	\$0.00
Multiple Dependent Claim Fee (one or more, first added by this amendment)				\$260.00	\$0.00
<b>Total Fees</b>					<b>\$0.00</b>

## PAYMENT OF FEES

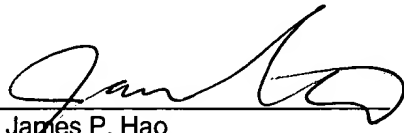
5. The full fee due in connection with this communication is \_  
provided as follows:
- ☒ [ x ] The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No.: 23-0085.  
A duplicate copy of this authorization is enclosed.
- ☐ [ ] A check in the amount of \$
- ☐ [ ] Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

Please direct all correspondence concerning the above-identified application to the following address:

**WAGNER, MURABITO & HAO LLP**  
Two North Market Street, Third Floor  
San Jose, California 95113  
(408) 938-9060

Respectfully submitted,

Date: 1/25/01

By:   
James P. Hao  
Reg. No. 36,398

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Slater

Serial No.: 09/263,163

Filed: 03/05/99

For: METHOD AND APPARATUS  
FOR MOBILE ROBOT MOTION  
CONTROL



Examiner: Nguyen, T.

Art Unit: 3661

*11/Election*  
*2/12/01*  
*[Signature]*

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Assistant Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Dear Sir:

RESPONSE TO RESTRICTION REQUIREMENT

In the Office Action mailed November 21, 2000, the Examiner has stated that the present Application contains five distinct inventions related as a process of making and a product made. As such, the Examiner has required Applicant to elect a single invention for prosecution on the merits. Specifically, the Examiner has required Applicant to elect between inventions, Group I, recited in Claims 1-4 drawn to calculating desired axis notion for individual components of a wheeled base, classified in class 701, subclass 41. A second invention, Group II, recited in Claims 5,23,24, drawn to motion calibration (for calibrating the desired motion in within the capacity limitation of individual component), classified in class 74, subclass 402. Group III, recited in claims 6-19, 22, 25, drawn to apparent motion and converting coordinate systems, classified in class 180, subclass 6.24. Group

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Examiner: NGUYEN, T.

Serial No.: 09/263,163  
Group Art Unit: 3661

IV, recited in claims 20-21, drawn to wheel motion control and control calibration, classified in class 180, subclass 6.24. Group V, recited in claims 26-31, drawn to calculating torque and force of axis of rotational objects, classified in class 180, subclass 6.24.



ELECTION WITHOUT TRAVERSE BETWEEN  
GROUP I AND GROUP II

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Applicant elects without traverse Group V, recited in Claims 26-31, drawn to calculating torque and force of axis of rotational objects, classified in class 180, subclass 6.24. Please cancel claims 1-25. The claims remaining in the present application are claims 26-31.

The Examiner is invited to contact Applicant's undersigned representative if the Examiner believes such action would expedite resolution of the present Application.

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Respectfully submitted,

WAGNER, MURABITO & HAO LLP

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Date: 1/25/01

A handwritten signature in black ink, appearing to read "James P. Hao".

James P. Hao  
Reg. No.: 36,398

Two North Market Street  
Third Floor  
San Jose, California 95113  
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